

165  
03 SEP 22 PM 7:22

September 19, 2003

**VIA FEDERAL EXPRESS**

Examiner David Naff  
U.S. Patent Office  
Crystal Mall 1, 7th Floor  
1911 South Clark Place  
Arlington, VA 22202

**RECEIVED**  
SEP 29 2003  
TECH CENTER 1600/2900

Re: U.S. Patent Appln. Serial No.: 09/640,990  
Filed: 08/18/2000  
Entitled: Methods Of Manufacture Of A Bioactive Article For Treatment Of Disease  
Our File: UM-06632

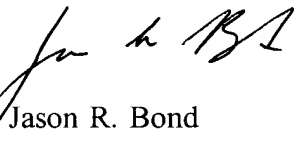
Dear Examiner Naff:

As requested, enclosed please find a copy of PTO Form-1449 along with the 67 references thereon, to be considered in the above-entitled patent application. Also enclosed is a copy of the return receipt post card with the Mail Room date stamp of May 12, 2003.

If you have any questions or comments, please do not hesitate to contact me.

Very truly yours,

MEDLEN & CARROLL, LLP

  
Jason R. Bond

JRB:mew

Enclosures

*Patent, Trademark and Copyright Attorneys*

FORM PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No.: UM-06632

Serial No.: 09/640,990

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**  
(Use Several Sheets If Necessary)Applicant: Riley Rees *et al.*

03 SEP 22 PM 7:22

Filing Date: 08/18/00

Group Art Unit: 1651

(37 CFR § 1.98(b))

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
	1	5,512,474	04/1996	Clapper <i>et al.</i>	435	182	03/09/94
	2	5,459,069	10/17/95	Palsson	435	289.1	1/06/94
	3	5,563,068	10/08/96	Zhang <i>et al.</i>	435	295.2	4/21/94
	4	4,576,715	3/18/86	Michaels <i>et al.</i>	210	347	2/13/81
	5	5,269,917	12/14/93	Stankowski	210	232	2/28/92
	6	6,150,104	11/21/00	Splawski <i>et al.</i>	435	6	8/17/98
	7	6,210,884	4/3/01	Lizardi	435	6	8/11/98
	8	4,763,659	8/16/88	Dunsearth Jr.	128	640	8/20/86
	9	6,070,103	5/30/00	Ogden	607	60	11/5/96
	10	5,836,989	11/17/98	Shelton	607	27	12/26/96
	11	5,152,757	10/6/92	Eriksson	604	305	5/22/91
	13	5,972,332	10/26/99	Rees <i>et al.</i>	424	93.7	04/16/97
	14	4,997,443	03/5/91	Walthall <i>et al.</i>	210	232	12/04/89
	15	5,294,446	03/1994	Schlameus <i>et al.</i>	424	489	01/02/92
	16	5,487,889	1/30/96	Eckert <i>et al.</i>	424	93.1	8/13/93
	17	5,529,914	04/1996	Hubbell <i>et al.</i>	435	182	10/07/92
	18	5,545,423	08/1996	Soon-Shiong <i>et al.</i>	424	484	03/06/95
	19	5,643,773	07/1/97	Aebischer <i>et al.</i>	435	182	04/27/95
	20	5,693,332	12/2/97	Hansbrough	424	426	08/11/95
	21	5,712,163	02/27/98	Parenteau <i>et al.</i>	435	405	03/28/95
	22	5,741,685	04/21/98	Vacanti	435	182	04/21/98
	23	5,714,170	2/3/98	Baserga <i>et al.</i>	424	573	11/16/94
	24	5,830,507	11/1998	Armstrong	424	489	11/18/94

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
	25	WO 88/03785	2/1988	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	26	Kannon and Garrett, <i>Dermatol. Surg.</i> , 21: 583-590 (1995)
	27	Davies, <i>Burns</i> , 10: 94 (1983)
	28	Myers <i>et al. Am. J. Surgery</i> , 170: 75-83 (1995)
	29	Goeddel, <i>Gene Therapy Expression Technology: Methods in Enzymology</i> 185, Academic Press, San Diego, CA (1990)

Examiner:

Date Considered:

**EXAMINER:** Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: UM-06632	Serial No.: 09/640,990-
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use Several Sheets If Necessary)				Applicant: Riley Rees <i>et al.</i> 03 SEP 22 PM 7:22	
(37 CFR § 1.98(b))				Filing Date: 08/18/00	Group Art Unit: 1651
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)					
30	Boyce <i>et al.</i> , <i>Surgery</i> , 110: 866-76 (1991)				
31	Barbul <i>et al.</i> , <i>Surgery</i> , 105: 764-69 (1989)				
32	Hansbrough <i>et al.</i> , <i>J. Burn Care Rehabil.</i> , 14: 485-94 (1993)				
33	Gilchrest <i>et al.</i> , <i>Cell Bio Int. Rep.</i> 4: 1009 (1980)				
34	Schafer <i>et al.</i> , <i>[Exp. Cell. Res.]</i> 183: 112 (1989)				
35	Cook and Buskirk <i>[In Vitro Cell Dev. Biol.]</i> 31: 132 (1995)				
36	Hansbrough <i>et al.</i> , <i>J. Am. Med. Assoc.</i> 262: 2125 (1989)				
37	Cooper <i>et al.</i> , <i>J. Surg. Res.</i> , 48: 528 (1990)				
38	Ronfard <i>et al.</i> , <i>Burns</i> , 17: 181 (1991)				
39	Tinois <i>et al.</i> , <i>Exp. Cell Res.</i> , 193: 310 (1991)				
40	Nanchahal and Ward, <i>Brit. J. Plas. Surg.</i> 45: 354 (1992)				
41	Van der Merve <i>et al.</i> , <i>Burns</i> , 16: 193 (1990)				
42	Shi, <i>Clinical Chemistry</i> , 47:2, 164-172 [2001]				
43	Boyce and Ham ["Normal human epidermal keratinocytes," In <i>In Vitro Models for Cancer Research</i> (Weber and Sekely, eds.) CRC Press, Boca Raton, FL, pp. 245-274 (1985)				
44	Schwarz <i>et al.</i> , <i>Wound Repair and Regeneration</i> 3:204-212 (1995)				
45	Yao <i>et al.</i> , <i>Hum Gene Ther.</i> 1999 Feb 10;10(3):419-27				
46	Yao <i>et al.</i> , <i>Hum Gene Ther.</i> 1998 Sep 1;9(13):1939-50				
47	T.K. Hunt and W.H. Goodson III, "Wound Healing," <i>Current Surgical Diagnosis &amp; Treatment</i> (Way; Appleton & Lange), pp. 86-98 (1988)				
48	Richey <i>et al.</i> , "Topical Growth Factors and Wound Contraction in the Rat: Part I. Literature Review and Definition of the Rat Model," <i>Ann. of Plastic Surgery</i> 23(2):159-165 (1989)				
49	G.D. Winter, "Formation of the Scab and the Rate of Epithelization of Superficial Wounds in the Skin of the Young Domestic Pig," <i>Nature</i> , 193:293-94 (1962)				
50	Riley, "Wound Healing," <i>Am. Fam. Physician</i> , 24:107-113 (1981)				
51	Pharmacia Catalog, pp.26-27				
52	ICN Catalog, ICN Biomedical Research Products, pp.130-131				
53	Sigma Catalog, pp. 144-145				
54	N. Carver <i>et al.</i> , "The effect of backing materials on keratinocyte autograft take," <i>Brit. J. of Plastic Surgery</i> , 46:228-234 (1993)				
55	J.F. Woessner, Jr., "Matrix metalloproteinases and their inhibitors in connective tissue remodeling," <i>FASEB J.</i> , 5:2145-2154 (1991)				
56	Green <i>et al.</i> , "Growth of Cultured human epidermal cells into multiple epithelia suitable for grafting," <i>Proc. Nat. Acad. Sci.</i> 76: 5665-5668 (1979)				
57	Leigh <i>et al.</i> , "Treatment of chronic venous ulcers with sheets of cultured allogenic keratinocytes," <i>Brit. J. Derm</i> 117:591-597 (1987)				
58	Takashima <i>et al.</i> , "Activation of Rabbit Keratinocyte Fibronectin Receptor Function In Vivo During Wound Healing," <i>J. Invest. Derm.</i> 86:585-590 (1986)				
59	Brown <i>et al.</i> , "Enhancement of Epidermal Regeneration by Biosynthetic Epidermal Growth Factor," <i>J. Exp. Med.</i> 163:1319-1324 (1986)				
60	Stompro, "Attachment of Growth Factors to Implantable Collagen," <i>Current Surgery</i> 47:35-37 (1990)				
Examiner:				Date Considered:	
<b>EXAMINER:</b> Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

RECEIVED  
 SEP 29 2003  
 TECH CENTER 1600/2900

